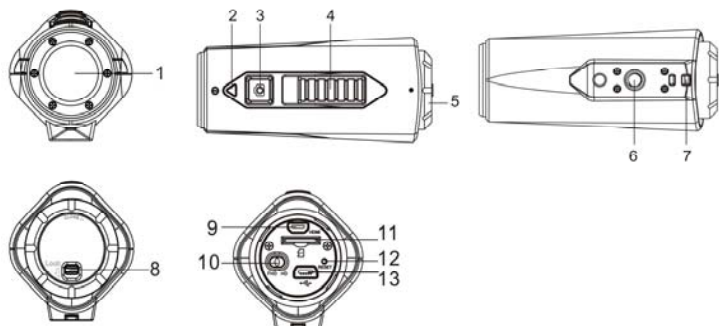# Sportcam-200 Camera User Manual

1. Key Features

- Record max 1080p FHD video by using one easy slide switch
- Take 5 MP digital photographs
- Accept MicroSD card and allows you to take FHD videos for 2.5 hours with 32GB memory.
- Built-in 1050mAh Li-ion battery for around 3 hours continuously use
- Waterproof up to 10 meters depth without using extra casing

2. Package Contents

Carefully unpack the package and ensure that you have the following items:

1	Camera body	6	CamLocker Key
2	Back Cover	7	CamLocker Socket - Ball Joint
3	Mini USB cable	8	Bike Mount
4	Secure strap	9	Carry Bag
5	CamLocker	10	User Manual

3. Functional Parts

1	Cover Lens	High quality lens
2	LED indicator	Show the camera status
3	Power / Shutter Button	1. Turn the camera on or off 2. Take single photograph
4	Record & Stop Slide Switch	Slide to start or stop video recording
5	Cam Back Cover	Rotate to seal the camera
6	Tripod Socket	Accept CamLocker or other mount using similar tripod screw
7	Strap Vent	Loop with wrist or secure strap
8	Cover latch	Lock the back cover
9	Micro HDMI terminal	Connect the camera to TV via HDMI cable

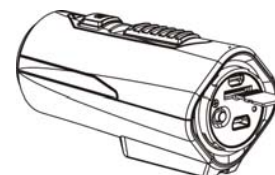| 10	Video Resolution Slide Switch	Select video resolution: FHD or HD
11	MicroSD Card Slot	Micro SD card storage location.
12	Reset	Reset the camera
13	Mini USB Slot	1. Connect to computer for data transfer or camera setup 2. Charge your camera

4. Using the Camera

4.1 Charging up Your Camera

Charge your camera with either USB cable or AC/DC adapter (not included). The red LED lights up to indicate the camera is charging and turns off as soon as the camera has been fully charged. It takes about 2 hours to fully charge the camera.

4.2 Inserting a Memory Card

Insert a MicroSD card (not included) before using your camera. Assure that the camera power is turned OFF before inserting the card to the slot.

Notes

1. There is only one correct direction to insert the MicroSD card into the slot. Do not force the card into the card slot as it may damage both the camera and the MicroSD card.

2. A new MicroSD card should be formatted before using. For more information, please see section 5.

4.3 Set up Date and Time

You can set the camera's clock with the software to ensure that your video and photo files are saved with the correct date/ time information.

To set up the camera clock

1. Connect your camera to a computer with the USB cable. Run setting_win.exe at your MicroSD card folder. If you are a MAC user, run setting_mac.app instead
2. Find the "Date and Time" and click "SET".
3. Adjust the date and time or click "Sync with PC" to set with your PC clock.
4. Click "OK" to save the settings.
5. After you complete the setting, disconnect the camera from your PC immediately to make the date and time set correctly.
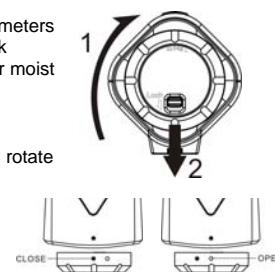
4.4 Sealing Your Camera

The Waterproof Housing lets the camera perform up to 10 meters or 30 feet under water. You must seal the camera with Back Cover in order to protect the camera when using it in wet or moist conditions.

To secure the Back Cover

1. Attach the Back Cover to the back of the camera and rotate clockwise until the two black dots are aligned
2. Slide the latch on the Back Cover to lock it.

To open the back cover, slide the latch on the back cover to loosen it. Rotate the cover counterclockwise until the white and black dots are aligned.

Notes

1. Failure to properly seal your camera can result in leaks that damage or destroy your camera. Your warranty does not cover water damage resulting from user damage.

2. The rubber seal on the Cover forms the waterproof barrier to protect the camera in wet and underwater conditions. You must keep this seal clean as a single strain of hair or grain of sand can cause a leak into the product.

3. After every use in salt water, you will need to rinse the outside of the product and the seal with non-salt water and dry. Not doing this can cause corrosion in the product or failure in the seal, in turn, damaging the product.

4.5 Power On & Power Off

To power ON the camera:

Press and hold button. The camera will vibrate and the Green LED will turn on.

To power OFF the camera:

Press and hold button. The camera will vibrate two seconds and the Green LED will turn off.

4.6 Recording Videos

Before starting recording, select the video resolution 1080p (1920x1080) or 720p (1280x720) by switching the Video Resolution Switch

There are two methods available for starting the video record function. When starting a video recording, a short vibration indicates recording started. The LED indicator illuminates RED throughout the recording.

1. Whether the camera power is ON or OFF, simply slide switch towards the camera front to start recording and you can see a red REC mark

2. When your camera is OFF and switch is at REC location, press and hold the button to turn the camera ON and it will start recording.

Slide switch backward to stop recording and you can see a green STOP mark. The camera will vibrate and the LED indicator will illuminate GREEN to indicate the recording has stopped. The camera will then enter Standby mode.

An additional option is to hold button to stop the recording and turn the camera off. The camera will vibrate two seconds and the Red LED light will turn off.

Notes

1. Changing video resolution is disabled during video recording.

2. There will be around 2-3 seconds delay before the camera starts recording.

3. Assure there is sufficient memory available on the MicroSD card. If the card is full, the camera will vibrate for five seconds and the Green LED will flash continuously.

4.7 Taking Photos

1. Turn on the camera by pressing button.

2. After the camera power has been turned on, press button to take a photo. A short vibration and a flash of Green LED indicate the action was successful.

Notes

1. The Still Photo function is disabled during video recording.

2. If the card is full, the camera will vibrate for five seconds and the Green LED will flash continuously.

4.8 Auto Rotation

The camera has a built-in G-sensor which is able to detect the camera orientation. By rotating your camera to 180° from the default position, the recorded view will be rotated in the same angle. This allows the user to mount the camera in different orientation without recording a rotated or inverted view.

Notes

1. The feature is available only for videos capturing, not for still photos.

2. Adjust your camera orientation before you start the video recording. The rotation feature will not be activated throughout the recording.

3. You can disable the auto rotation function in the "General settings" with the software

5. Connecting Your Camera

5.1 Connecting Your Camera to a PC

The unit can be connected to the computer as mass storage device and transfer photo/video files for storage or use a your camera as a webcam purpose

1. Connect your camera to a PC via the USB cable included.
2. Press ⚫ button to turn the camera on.

When the camera connected to the computer as mass storage device, you can:

1. Open the MicroSD folder and you can browse the files saved in the camera
2. Format the MicroSD card.

To activate the webcam function, press ⚫ button during the mass storage function and the camera can be functioned as a webcam. Press ⚫ button again to switch back to mass storage from webcam mode.

Note: If you cannot find either mode, you can unplug the cable from PC and turn the camera on and off once and connect the PC again.

5.2 Run the Software

1. Insert a MicroSD card with at least 10MB free space into your camera.
2. Connect your camera to a PC via the USB cable included.
3. Press ⚫ button to turn the camera
4. Open the MicroSD card folder inside file manager and you will find the file "setting_win.exe" and "setting_mac.app". Click the correct file base on the operating system you are using

Through the software, you can change the camera general setting

1. TV type
2. Frequency
3. Auto power off,
4. Auto rotation,
5. Set date and time.
6. Software language
7. Photo resolution
8. Photo mode

Notes： If you cannot find setting files at your MicroSD folder, you can unplug the cable from PC and turn the camera on and off once and connect the PC again.

5.3 Connecting Your Camera to a TV/HDTV

You can connect your camera to a TV or HDTV via the HDMI cable (not included). Once you are connected you can:

1. Take photos or videos by using your TV as a viewfinder
2. Playback any photo or video files saved in the camera
3. Delete any files saved in the camera
4. Format the MicroSD Card
5. Change your camera settings

6. Mounting Your Camera

Action+ Series versatile mount system allows you to attach the Action+ camera to any type of helmet (bike, motorcycle, ski, skydive etc.), pole, board (surf, skate, ski etc) and handlebar (bike and motorcycle).

6.1 Secure Strap

1. Loop one end of the secure strap through the strap hole of the camera. You may use a pin to help thread it thru the hole.
2. Attach other half to the mount or other secure place
3. Clip both ends together when camera is mounted.

6.2 Fix the CamLocker

1. Fit the screw of the CamLocker to the tripod socket of the camera.
2. Screw the CamLocker until it is tightened on the camera.

6.3 Mounting on the Handlebar or Pole

1. Loosen both bike mount screws.
2. Attach the bike mount to the handlebar or pole and tighten the screws until the mount is firmly secured.
3. Loosen and detach the ball joint nut from the bike mount.
4. Insert the ball joint into the CamLocker Socket and tighten the nut.
5. Attach the CamLocker and camera into the CamLocker socket. Assure that the CamLocker nut is tightened securely.
6. The ball joint system allows you to change the angle of the camera. Simply loosen the nut, adjust the camera angle and re-tighten the nut.

7. Troubleshooting

Problems	Causes	Solutions
1. LED flashes and camera turns off 2. Cannot turn on the camera	Battery is depleted	Recharge the camera
Red LED flashes during recording	Low battery	Recharge the camera
Cannot take photos or video (Green LED flashes)	Memory full	Replace with a memory card with space available for contents
Cannot take photos or video (Green and Red LED flashes alternatively)	1. MicroSD card is not inserted 2. MicroSD card has not been formatted properly.	1. Insert a SD card 2. Format the MicroSD card at PC or TV
Cannot find removable disk after connecting the camera to the computer.	Connection failure.	1. Make sure all cable connections are secured and restart the computer if necessary. 2. Try a different USB port.

8. Specification

Sensor	5 Mega pixel CMOS sensor
Lens	120º ultra wide angle field of view
Focus range	0.5m - ∞
Video	1080p :1920x1080 pixels (16:9), 30 fps
	720p: 1280x720 pixels (16:9), 30 fps
	Format: H.264 compression, saved as MPEG4 (.mov) file*
Photo	16.0 Mega Pixels:(4608x3456)
	5.0 Mega Pixels: (2592x1944)
	3.0 Mega Pixels: (2048x1536)
	Format: JPEG
	Capture Modes: Single photo, Burst mode, Time lapse
Audio	Built-in high quality microphone
	ADPCM Compression, Automatic Gain Control
Storage	MicroSD/MicroSDHC with minimum Class 6 (not included)
	Average Recording Times: about 6 hours (using 32GB mSD card in 1080p30)
Connection	USB2.0 (for data connection and battery charging)
	HDMI
Power	Build-in 1050 mAH Rechargeable Li-ion Battery
	Battery Life: Approx. 3 hrs
Housing	Durable plastic and fashionable finishing
	Depth up to 30 feet / 10 meters
Dimension	95.5mmX41.9mmX44.5mm

Weight	102.5g

* If you cannot play the file format by existing media player, please download QuickTime Player and try again.

9. System Requirements

Operating system	Windows® 7/XP SP3 /Vista and Mac 10.5 or above
CPU	Pentium III or above
RAM	At least 64MB
Interface	USB port
CD	4x speed CD ROM or above

10. Trademark Information

‼ Microsoft® and Windows® are U.S. registered trademarks of Microsoft Corporation.

‼ Pentium® is a registered trademark of Intel Corporation.

‼ Macintosh is a trademark of Apple Inc.

‼ MicroSD™ is a trademark.

‼ Other names and products may be trademarks or registered trademarks of their respective owners.

IMPORTANT
- **Keep the lens clean. Dirt and fingerprints will affect the quality of the picture.**
- **Close the Back Cover properly for best water sealing. Do not open it under water.**
- **Rinse the camera with clean water after used and keep it dry for storage.**
- **You can refer to the detail operation instruction at the user manual**

FCC Statement

Caution Statement

"Modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment."

Instruction Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/ TV technician for help.

WARNING: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THE DEVICE. ANY SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

For EU only

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